



## Investigator Spotlight

Jessica L. Heath, MD

*"I hope to offer a unique combination of a deep understanding of the biology of leukemogenesis applied to my expertise in patient care to improve the lives of children with leukemia."*

### Background

- Pediatric Hematologist/Oncologist at the University of Vermont Medical Center - Children's Hospital
- Assistant Professor of Pediatrics and Biochemistry at the University of Vermont Larner College of Medicine
- Board certified in Pediatric Hematology/Oncology
- American Society of Pediatric Hematology-Oncology Young Investigator Award Recipient, 2015

## Research

### Research Interests

- Molecular pathophysiology of aggressive pediatric leukemia
- Molecular biology behind chemotherapy resistance in leukemia
- Novel, targeted treatments of leukemia
- Targeting cell adhesion in CALM-AF10 leukemia

### Research Goals

- To develop novel pediatric leukemia therapies that are effective in the outpatient setting, easing the burden of treatment on rural patients
- To bridge the "bench to bedside" gap by connecting patient care with new therapies being developed in the laboratory

## NNE-CTR Network

### Participation

- Received Round 2 Pilot funding in 2018
- Enhanced laboratory skills through the use of the Translational Research Technologies Core

"I have been able to interact more with the flow cytometry core which has been instrumental in growing my laboratory skills."

### Benefits

"As a physician-scientist, receiving pilot funding has been critical in supporting the collection of pilot data to support my future NIH K08 application and applications to other pediatric cancer foundations."

## Learn more

The NNE-CTR Network leverages and coordinates regional resources to conduct collaborative clinical and translation research and disseminate findings to improve both health and healthcare delivery in our region. To learn more or join the NNE-CTR Network, visit: <http://nne-ctr.net/>

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